



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/702,142	10/30/2000	Roberto Padovani	PA000043

Sarah Kirkpatrick Manager  
Intellectual Property Administration  
Qualcomm Incorporated  
5775 Morehouse Drive  
San Diego, CA 92121-1714



## FORMALITIES LETTER



\*OC000000005675193\*

Date Mailed: 01/12/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

02/05/2001 ETULU1 00000043 170026 09702142

01 FEB 05 130.00 CH

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WASHINGTON, D.C. 20231  
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO.	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/702,142	10/30/2000	2661	844	PA000043	7	23	4

Sarah Kirkpatrick Manager  
Intellectual Property Administration  
Qualcomm Incorporated  
5775 Morehouse Drive  
San Diego, CA 92121-1714



## FILING RECEIPT



\*OC000000005675192\*

Date Mailed: 01/12/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

## Applicant(s)

Roberto Padovani, San Diego, CA ;  
Peter J. Black, San Diego, CA ;  
Nagabhushana T. Sindhushayana, San Diego, CA ;

## Continuing Data as Claimed by Applicant

THIS APPLICATION IS A CIP OF 09/575,073 05/19/2000  
WHICH IS A CIP OF 08/963,386 11/03/1997 **PA466**  
WHICH CLAIMS BENEFIT OF 60/134,976 05/20/1999 **0000043P**

## Foreign Applications

**60/163,350 11/03/1999**

If Required, Foreign Filing License Granted 01/12/2001

## Title

Pilot reference transmission for a wireless communication system

## Preliminary Class

370

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SECTOR 4

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re  
Application No. 09/702,142  
Roberto Padovani, et al.

) For:

Pilot Reference Transmission for a  
Wireless Communication System

Attorney Docket No. PA000043

Filed: October 30, 2000

) Group No. ~~2061~~ 2664

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

Assistant Commissioner of Patents  
BOX MISSING PARTS  
Washington, D.C. 20231

Dear Sir:

In response to the Notice to File Missing Parts of Application - Filing Date  
Granted under 37 CFR § 1.53(d), which was mailed on January 12, 2001, enclosed are:

I hereby certify that this correspondence is being  
deposited with the United States Postal Service  
as first class mail in an envelope addressed to the  
Commissioner of Patents, Washington, D.C.  
20231, on:

30 January 2001

(Date of Deposit)

Carola Emelius-Swartz

(Name of the Person Making Deposit)

(Signature)

30 January 2001

(Date of Signature)

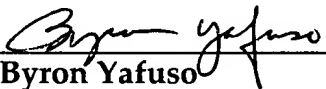
1. Office's copy of Formalities Letter as required;
2. Executed Declaration/Power of Attorney;
3. Return postcard.

Please charge Deposit Account No. 17 - 0026 of QUALCOMM Incorporated in the amount of \$130.00. The Commissioner is further hereby authorized to charge to said Deposit Account No. 17 - 0026, pursuant to 37 CFR 1.25(b), any fee whatsoever which may become properly due or payable, as set forth in 37 CFR 1.16 to 37 CFR 1.18 inclusive, for the entire pendency of this application without specific additional authorization.

A duplicate copy of this letter is enclosed.

Respectfully submitted,

Dated: 30 January 2001

By:   
Byron Yafuso  
Agent for Applicants  
Registration No. 45,244

QUALCOMM Incorporated  
5775 Morehouse Drive  
San Diego, California 92121-1714  
Telephone: (858) 658-3868  
Facsimile: (858) 658-2502



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re	)	
Application No.09/702,142	)	For: Pilot Reference Transmission for a
Roberto Padovani, et al.	)	Wireless Communication System
	)	
Attorney Docket No. PA000043	)	
	)	
Filed: October 30, 2000	)	Group No. <del>2661</del> 2664

REQUEST FOR CORRECTION OF OFFICIAL FILING RECEIPT

Asst. Commissioner of Patents  
Application Processing Services Branch  
Washington, D.C. 20231

Dear Sir:

Upon review of the Response to Notice to File Missing Parts, an error on the Official Filing Receipt has been discovered. It is requested that this error be corrected and a new Filing Receipt be issued.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Asst. Commissioner of Patents, Washington, D.C. 20231, on:

30 January 2001

(Date of Deposit)

Carola Emelius-Swartz

(Name of the Person Making Deposit)

*Carola Emelius-Swartz*  
(Signature)

30 January 2001

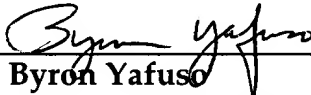
(Date of Signature)

In the section, **Continuing Data as Claimed by Applicant**, of the filing receipt, the Office claimed priority to the wrong application number. Applicants claimed benefit to application numbers: 60/163,350, filed on November 3, 1999; 08/963,386, filed on November 3, 1997; and 09/575,073, filed on May 19, 2000. The office incorrectly claimed application number "60/163,350, filed on May 19, 2000," as "60/134,976, filed on May 20, 1999."

Applicants respectfully request that the Office Records be corrected and that a new filing receipt be issued to Applicants. A copy of the incorrect Filing Receipt and the Declaration/Power of Attorney as filed with above application is enclosed for your convenience.

Respectfully submitted,

Dated: 30 January 2001

By:   
Byron Yafuso  
Agent for Applicants  
Registration No. 45,244

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San Diego, California 92121-1714  
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